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<p><b>UTILITY PATENT APPLICATION TRANSMITTAL</b></p> <p>(New Nonprovisional Applications Under 37 CFR § 1.53(b))</p>	<p>Attorney Docket No.</p> <p><u>001.0055</u></p> <p>(CE04453N)</p>
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**TO THE ASSISTANT COMMISSIONER FOR PATENTS:**

Transmitted herewith is the patent application of ( ) application identifier or (X) first named inventor, WILLIAM F. ALEXANDER, JR., entitled METHODS AND APPARATUS FOR DETERMINING A DIRECTION OF ARRIVAL IN A WIRELESS COMMUNICATION SYSTEM, for a(n):

(X) Original Patent Application.

( ) Continuing Application (prior application not abandoned):

    ( ) Continuation      ( ) Divisional      ( ) Continuation-in-part (CIP)

        of prior application No: \_\_\_\_\_ Filed on: \_\_\_\_\_.

( ) A statement claiming priority under 35 USC § 120 has been added to the specification.

Enclosed are:

(X) Specification; 24 Total Pages.      (X) Drawing(s); 8 Total Sheets.

(X) Oath or Declaration:

    (X) A Newly Executed Combined Declaration and Power of Attorney:

        (X) Signed.      ( ) Unsigned.      ( ) Partially Signed.

    ( ) A Copy from a Prior Application for Continuation/Divisional (37 CFR § 1.63(d)).

        ( ) Incorporation by Reference. The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied, is considered as being part of the disclosure of the accompanying application and is hereby incorporated herein by reference.

        ( ) Signed Statement Deleting Inventor(s) Named in the Prior Application. (37 CFR § 163(d)(2)).

    ( ) Power of Attorney.      (X) Return Receipt Postcard.

    ( ) Associate Power of Attorney.      (X) A Check in the amount of \$ 888.00 for the Filing Fee.

    ( ) Preliminary Amendment.      ( ) Information Disclosure Statement and Form PTO-1449.

    ( ) A Duplicate Copy of this Form for Processing Fee Against Deposit Account.

    ( ) A Certified Copy of Priority Documents (if foreign priority is claimed).

    ( ) Applicant claims small entity status.

(X) Other: Assignment and Assignment Cover Sheet & Application Data Sheet.

CLAIMS AS FILED				
FOR	NO. FILED	NO. EXTRA	RATE	FEE
Total Claims	26	6	\$18.00	\$ 108.00
Independent Claims	2	0	\$84.00	\$ 0.00
Multiple Dependent Claims (if applicable)				\$0.00
Assignment Recording Fee				\$40.00
Basic Filing Fee				\$740.00
Total Filing Fee				\$ 888.00

Charge \$ \_\_\_\_\_ to Deposit Account \_\_\_\_\_ pursuant to 37 CFR § 1.25. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 13-4771.

Respectfully submitted,

By: [Signature]  
Timothy J. Lorenz, Attorney of Record, Reg. No.41954

Date: 1/24/02

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I hereby certify that this is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated below and is addressed to:

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Box Patent Application

Washington, D.C. 20231

By: [Signature]

Typed Name: Timothy J. Lorenz

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